THE ASTROPHYSICAL JOURNAL LETTERS

CONTENTS OF VOLUME 416, PART 2

1993 OCTOBER 10, Number 1

	Page	Fiche
COSMIC VARIANCE OF THE THREE-POINT CORRELATION FUNCTION OF THE COSMIC MICROWAVE BACKGROUND *Mark Srednicki*	L1	207-B1
THE IRON K LINE AS A PROBE OF BEAMED X-RAY EMISSION IN ACTIVE GALACTIC NUCLEI *T. Yaqoob, B. McKernan, C. Done, P. J. Serlemitsos, & K. A. Weaver*	L5	207-B7
BENDING INSTABILITIES IN GALAXY MERGER REMNANTS *Lars Hernquist, Jeremy S. Heyl, & David N. Spergel*	L9	207-B13
A CLASSICAL GAMMA-RAY BURST REPEATER, GBS 0855−00? *V. C. Wang & R. E. Lingenfelter*	L13	207-C5
COMPTON BACKSCATTERED ANNIHILATION RADIATION AND THE MASS OF NOVA MUSCAE *Xin-Min Hua & Richard E. Lingenfelter*	L17	207-C11
INTERPRETATION OF THE EARLY SPECTRA OF SN 1993J IN M81 *E. Baron, P. H. Hauschildt, D. Branch, R. M. Wagner, S. J. Austin, A. V. Filippenko, & T. Matheson*	L21	207-D2
THE ASYMMETRIC ENVELOPE OF γ CASSIOPEIAE OBSERVED WITH THE Mk III OPTICAL INTERFEROMETER *A. Quirrenbach, C. A. Hummel, D. F. Buscher, J. T. Armstrong, D. Mozurkewich, & N. M. Elias II*	L25	207-D7
A DETERMINATION OF THE DISTANCE TO THE HIGH-VELOCITY CLOUD COMPLEX M *Laura Danly, C. E. Albert, & K. D. Kuntz*	L29	207-D13
REFRIGERATION OF THE 18.3 GHz C_3H_2 TRANSITION IN DARK CLOUD G1.6−0.25 *T. B. H. Kuiper, J. B. Whiteoak, R.-S. Peng, W. L. Peters III, & J. E. Reynolds*	L33	207-E7
DISCOVERY OF INTERSTELLAR WATER LINES AT 437, 439, AND 471 GHz: STRONG CASE FOR WATER MASER FORMATION BEHIND C-TYPE SHOCKS *Gary J. Melnick, Karl M. Menten, Thomas G. Phillips, & Todd Hunter*	L37	207-E13
ULTRAVIOLET TRANSITIONS OF LOW CONDENSATION TEMPERATURE HEAVY ELEMENTS AND NEW DATA FOR INTERSTELLAR ARSENIC, SELENIUM, TELLURIUM, AND LEAD *Jason A. Cardelli, S. R. Federman, David L. Lambert, & C. E. Theodosiou*	L41	207-F5
INSTRUCTIONS TO AUTHORS OF *LETTERS*, RECENT *LETTERS* ABSTRACTS, AUTHOR AND SUBJECT INDEXES	*Inside Back Cover*	

1993 OCTOBER 20, Number 2

DARK MATTER HALOS IN ELLIPTICAL GALAXIES *Francesco Bertola, Alessandro Pizzella, Massimo Persic, & Paolo Salucci*	L45	216-B1
TRANSVERSE DISSECTIONS OF THE FUNDAMENTAL PLANES OF ELLIPTICAL GALAXIES AND CLUSTERS OF GALAXIES *Alvio Renzini & Luca Ciotti*	L49	216-B6
EGRET LIMITS ON HIGH-ENERGY GAMMA-RAY EMISSION FROM X-RAY- AND LOW-ENERGY GAMMA-RAY-SELECTED SEYFERT GALAXIES *Y. C. Lin, D. L. Bertsch, B. L. Dingus, C. E. Fichtel, R. C. Hartman, S. D. Hunter, G. Kanbach, D. A. Kniffen, J. R. Mattox, H. A. Mayer-Hasselwander, P. F. Michelson, C. von Montigny, P. L. Nolan, E. Schneid, P. Sreekumar, & D. J. Thompson*	L53	216-B11

CONTENTS

	Page	Fiche
OSSE OBSERVATIONS OF THE BRIGHT SEYFERT 1 GALAXY IC 4329A *A. C. Fabian, K. Nandra, A. Celotti, M. J. Rees, J. E. Grove, & W. N. Johnson*	L57	216-C1
LOW-MASS STAR FORMATION IN COOLING FLOW GALAXIES *James M. Schmobert, Mary Barsony, & Patricia C. Hanlon*	L61	216-C7
FAINT OBJECT SPECTROGRAPH SPECTRA OF THE UV EMISSION LINES IN NGC 5548: DETECTION OF STRONG NARROW COMPONENTS *D. Michael Crenshaw, Albert Boggess, & Chi-Chao Wu*	L67	216-D1
USING THE SCHRÖDINGER EQUATION TO SIMULATE COLLISIONLESS MATTER *Lawrence M. Widrow & Nick Kaiser*	L71	216-D6
A THEORY OF SUPERNOVA EXPLOSIONS *Adam Burrows & John Goshy*	L75	216-E1
DETECTION OF THE FIRST CORONAL X-RAY SOURCE ABOUT A WHITE DWARF *Thomas A. Fleming, Klaus Werner, & Martin A. Barstow*	L79	216-E6
DETECTION OF THE INTERSTELLAR NH_2 RADICAL *Ewine F. van Dishoeck, David J. Jansen, Peter Schilke, & T. G. Phillips*	L83	216-E10
BISTABILITY IN DARK CLOUD CHEMISTRY *J. Le Bourlot, G. Pineau des Forêts, E. Roueff, & P. Schilke*	L87	216-F1
TEMPERATURE AND DENSITY STRUCTURE OF THE 1991 NOVEMBER 2 FLARE OBSERVED BY THE *YOHKOH* SOFT X-RAY TELESCOPE AND HARD X-RAY TELESCOPE *James M. McTiernan, Sharad R. Kane, Jon M. Loran, James R. Lemen, Loren W. Acton, Hirohisa Hara, Saku Tsuneta, & Takeo Kosugi*	L91	216-F6
INSTRUCTIONS TO AUTHORS OF *LETTERS*, RECENT *LETTERS* ABSTRACTS, AUTHOR AND SUBJECT INDEXES	*Inside Back Cover*	